

AMENDMENT

In the Claims

Please cancel Claims 2, 3, and 6-49 without prejudice.

Please amend Claim 4 to read as follows:

- B¹
4. (Amended) The isolated nucleic acid molecule of Claim 1, wherein said molecule is expressed in Ewing's Sarcoma family of tumors.

Please amend Claim 5 to read as follows:

5. (Amended) The isolated nucleic acid molecule of Claim 1, wherein said molecule is expressed in osteosarcoma tumors.

Please add new Claim 50 to read as follows:

50. (New) The isolated nucleic acid molecule of Claim 1, wherein said molecule is a single-stranded cDNA molecule.

Please add new Claim 51 to read as follows:

51. (New) The isolated nucleic acid molecule of Claim 50, wherein said molecule is biologically active.

Please add new Claim 52 to read as follows:

- B²
52. (New) The isolated nucleic acid molecule of claim 51, wherein said molecule or fragment thereof is used to generate a first antisense nucleic acid molecule of the sequence shown in SEQ ID No. 2, wherein said first antisense nucleic acid molecule consists of the sequence shown in SEQ ID No. 3.

Please add new Claim 53 to read as follows:

53. (New) The isolated first antisense nucleic acid molecule of Claim 52 consisting of the sequence shown in SEQ ID No. 3.

Please add new Claim 54 to read as follows:

54. (New) The isolated first antisense nucleic acid molecule of Claim 53, wherein said first antisense molecule is a single-stranded, cDNA molecule.

Please add new Claim 55 to read as follows:

55. (New) The isolated first antisense nucleic acid molecule of Claim 53, wherein said first antisense molecule is biologically active.

Please add new Claim 56 to read as follows:

56. (New) The isolated first antisense nucleic acid molecule of Claim 55, wherein said first antisense molecule is capable of hybridizing with a native, genomic DNA molecule or fragment thereof encoding native, genomic tbdn-1 mRNA.

Please add new Claim 57 to read as follows:

57. (New) The isolated first antisense nucleic acid molecule of Claim 55, wherein said first antisense molecule blocks transcription of said native, genomic DNA molecule or fragment thereof encoding native, genomic tbdn-1 mRNA into native, genomic tbdn-1 mRNA.

Please add new Claim 58 to read as follows:

58. (New) The isolated first antisense nucleic acid molecule of Claim 55, wherein said first antisense molecule is capable of being transcribed into a first antisense tbdn-1 mRNA molecule that blocks translation of native, genomic tbdn-1 mRNA molecule or fragment thereof encoding tbdn-1 protein into tbdn-1 protein.

Please add new Claim 59 to read as follows:

59. (New) The first antisense tbdn-1 mRNA molecule of Claim 58, wherein said first antisense mRNA molecule is a single-stranded oligonucleotide having at least 15 nucleobases.

Please add new Claim 60 to read as follows:

60. (New) The first antisense tbdn-1 mRNA molecule of Claim 58, wherein said first antisense mRNA molecule is biologically active.

Please add new Claim 61 to read as follows:

61. (New) The first antisense tbdn-1 mRNA molecule of Claim 60, wherein said first antisense mRNA molecule is capable of hybridizing with native, genomic tbdn-1 mRNA molecule or fragment thereof encoding tbdn-1 protein.

Please add new Claim 62 to read as follows:

62. (New) The first antisense tbdn-1 mRNA molecule of Claim 60, wherein said first antisense mRNA molecule blocks translation of said native, genomic tbdn-1 mRNA molecule or fragment thereof encoding tbdn-1 protein into tbdn-1 protein.

Please add new Claim 63 to read as follows:

63. (New) The isolated nucleic acid molecule of claim 51, wherein said molecule or fragment thereof is used to generate a second antisense nucleic acid molecule of the sequence shown in SEQ ID No. 2, wherein said second antisense nucleic acid molecule consists of the sequence shown in SEQ ID No. 4.

Please add new Claim 64 to read as follows:

64. (New) The isolated second antisense nucleic acid molecule of Claim 63 consisting of the sequence shown in SEQ ID No. 4.

Please add new Claim 65 to read as follows:

65. (New) The isolated second antisense nucleic acid molecule of Claim 64, wherein said second antisense molecule is a single-stranded, cDNA molecule.

Please add new Claim 66 to read as follows:

66. (New) The isolated second antisense nucleic acid molecule of Claim 64, wherein said second antisense molecule is biologically active.

Please add new Claim 67 to read as follows:

67. (New) The isolated second antisense nucleic acid molecule of Claim 66, wherein said second antisense molecule is capable of hybridizing with a native, genomic DNA molecule or fragment thereof encoding native, genomic tbdn-1 mRNA.

Please add new Claim 68 to read as follows:

- B²
68. (New) The isolated second antisense nucleic acid molecule of Claim 66, wherein said second antisense molecule blocks transcription of said native, genomic DNA molecule or fragment thereof encoding native, genomic tbdn-1 mRNA into native, genomic tbdn-1 mRNA.

Please add new Claim 69 to read as follows:

69. (New) The isolated second antisense nucleic acid molecule of Claim 66, wherein said second antisense molecule is capable of being transcribed into a second antisense tbdn-1 mRNA molecule that blocks translation of native, genomic tbdn-1 mRNA molecule or fragment thereof encoding tbdn-1 protein into tbdn-1 protein.

Please add new Claim 70 to read as follows:

70. (New) The second antisense tbdn-1 mRNA molecule of Claim 69, wherein said second antisense mRNA molecule is a single-stranded oligonucleotide having at least 15 nucleobases.

Please add new Claim 71 to read as follows:

71. (New) The second antisense tbdn-1 mRNA molecule of Claim 69, wherein said second antisense mRNA molecule is biologically active.

Please add new Claim 72 to read as follows:

72. (New) The second antisense tbdn-1 mRNA molecule of Claim 71, wherein said second antisense mRNA molecule is capable of hybridizing with native, genomic tbdn-1 mRNA molecule or fragment thereof encoding tbdn-1 protein.

Please add new Claim 73 to read as follows:

73. (New) The second antisense tbdn-1 mRNA molecule of Claim 71, wherein said second antisense mRNA molecule blocks translation of said native, genomic tbdn-1 mRNA molecule or fragment thereof encoding tbdn-1 protein into tbdn-1 protein.

Please add new Claim 74 to read as follows:

- ~~74.~~ (New) A composition comprising the isolated first antisense nucleic acid molecule shown in SEQ ID No. 3 in an amount effective to limit the growth or metastasis of tumor cells expressing the tbdn-1 protein molecule when administered to said tumor cells.

Please add new Claim 75 to read as follows:

75. (New) The composition of Claim 74, additionally comprising a vector selected from the group consisting of viral, plasmid, and mixtures thereof.

Please add new Claim 76 to read as follows:

76. (New) The composition of Claim 74, wherein said tumor cells comprise Ewing's Sarcoma family of tumors or osteosarcoma tumors.

Please add new Claim 77 to read as follows:

- ~~77.~~ (New) A composition comprising the isolated second antisense nucleic acid molecule shown in SEQ ID No. 4 in an amount effective to limit the growth or metastasis of tumor cells expressing the tbdn-1 protein molecule when administered to said tumor cells.

Please add new Claim 78 to read as follows:

78. (New) The composition of Claim 77, additionally comprising a vector selected from the group consisting of viral, plasmid, and mixtures thereof.

Please add new Claim 79 to read as follows:

79. (New) The composition of Claim 77, wherein said tumor cells comprise Ewing's Sarcoma family of tumors or osteosarcoma tumors.

Please add new Claim 80 to read as follows:

- ~~80.~~ (New) A method for limiting the growth or metastasis of tumor cells expressing the tbdn-1 protein molecule comprising administering a therapeutically effective amount of the

isolated first antisense nucleic acid molecule shown in SEQ ID No. 3 to said tumor cells to cause inhibition of the expression of tbdn-1 protein molecule by said tumor cells.

Please add new Claim 81 to read as follows:

81. (New) The method of Claim 80, wherein said therapeutically effective amount of the isolated first antisense nucleic acid molecule shown in SEQ ID No. 3 comprises the composition of Claim 74.

Please add new Claim 82 to read as follows:

82. (New) The method of Claim 80, wherein said therapeutically effective amount of the isolated first antisense nucleic acid molecule shown in SEQ ID No. 3 comprises the composition of Claim 75.

Please add new Claim 83 to read as follows:

83. (New) The method of Claim 80, additionally comprising radiotherapy and chemotherapeutic agents.

Please add new Claim 84 to read as follows:

- B²
84. (New) A method for limiting the growth or metastasis of tumor cells expressing the tbdn-1 protein molecule comprising administering a therapeutically effective amount of the isolated second antisense nucleic acid molecule shown in SEQ ID No. 4 to said tumor cells to cause inhibition of the expression of tbdn-1 protein molecule by said tumor cells.

Please add new Claim 85 to read as follows:

85. (New) The method of Claim 84, wherein said therapeutically effective amount of the isolated second antisense nucleic acid molecule shown in SEQ ID No. 4 comprises the composition of Claim 77.

Please add new Claim 86 to read as follows:

86. (New) The method of Claim 84, wherein said therapeutically effective amount of the isolated second antisense nucleic acid molecule shown in SEQ ID No. 4 comprises the composition of Claim 78.

Please add new Claim 87 to read as follows:

87. (New) The method of Claim 84, additionally comprising radiotherapy and chemotherapeutic agents.